

Claims

1. Portable sampling lance for rapid and non-destructive sampling of unpacked bulk food comprising:
 - a head portion with a chamber, said chamber having an intake opening covered by a grid,
 - 5 a duct connected to said head portion,
 - a collecting device connected to said duct ,
 - a suction device connected to said duct,
 - wherein said head portion has a front end and a rear end and wherein the intake opening of the chamber is oriented towards the rear end of the head
 - 10 portion.
2. Sampling lance according to claim 1, the grid has a mesh size of between 0.2 mm and 3 mm.
3. Sampling lance according to claim 1 or 2, wherein the head portion further comprising a vibrating means.
- 15 4. Sampling lance according to any one of the preceding claims, wherein the head portion is substantially spearhead shaped.
5. Sampling lance according to any one of the preceding claims, wherein the head portion is substantially hook shaped.
6. Sampling lance according to any one of the preceding claims, wherein the
- 20 chamber has a substantially conical shape.
7. Sampling lance according to any one of the preceding claims, wherein the collection device is a filter means.
8. Sampling lance according to any one of the claims 1 to 3, wherein the collection device is an electrostatic device.
- 25 9. Sampling lance according to any one of the preceding claims, wherein the grid is charged electrically.